

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

Title of
Invention

Manufacturing Unique Devices That Generate Digital
Signatures

Application Number: 09/923213
Confirmation Number: 8986
First Named Applicant: Lynn Wheeler
Attorney Docket Number: 1039934384
Art Unit: 2132



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Search string: (6324525 or 6282522 or 6205437 or 6102287
or 6070154 or 6000522 or 5790677 or 6000832
or 5557518 or 6314519 or 6104815 or 5586036
or 6029150 or 20020120846).pn.

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US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
15	1	6324525	2001-11-27	Kramer et al.			
	2	6282522	2001-08-28	Davis			
	3	6205437	2001-03-20	Gifford			
	4	6102287	2000-08-05	Matyas			
	5	6070154	2000-05-30	Tavor et al.			
	6	6000522	1999-12-14	Johnson			
	7	5790677	1998-08-04	Fox et al.			
	8	6000832	1999-12-14	Franklin et al.			
	9	5557518	1996-09-17	Rosen			
	10	6314519	2001-11-06	Davis et al.			
	11	6104815	2000-08-15	Alcorn et al.			
	12	5586036	1996-07-05	Pintsov			
	13	6029150	2000-02-20	Kravitz			

US Published Applications

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init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
KS	1 ✓	20020120846	2002-08-29	Stewart et al.	A1		

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Examiner Name	Date
<i>Kevin Schubert</i>	8/17/05

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1

of 4

Application Number	09/923,213
Filing Date	08/06/2001
First Named Inventor	WHEELER e
Art Unit	2132
Examiner Name	
Attorney Docket Number	10399-34384

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U. S. PATENT DOCUMENTS

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Kevin Schubert

Date
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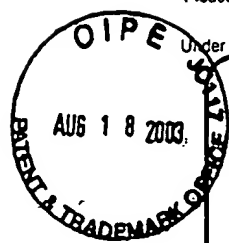
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Substitute for form 1449B/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Application Number	09/923,213	
			Filing Date	08/06/2001	
			First Named Inventor	Wheeler et al.	
			Group Art Unit	2132	
			Examiner Name		
Sheet	2	of	4	Attorney Docket Number	10399-34384

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
KS	1	PKCS #9, Selected Object Classes and Attribute Types Version 2.0, RSA Laboratories, Redwood City, CA, pp 1-42	
	2	Digital Signature Guidelines Tutorial ; ABA Network, (web site at http://www.abanet.org/scietech/ec/isc/dsg-tutorial.html), date of capture 2/18/2003, pp 1-7	
	3	GERCK, Ed, Overview of Certification Systems: x.509, PKIX, CA, PGP & SKIP - Do you understand digital certificates? Do you know what they warrant? July 18, 2000; pp. 1-18	
	4	LINN, John, Trust Models and Management in Public-Key Infrastructures; RSA Laboratories, November 6, 2000, pp 1-13	
	5	PKCS #5, v2.0: Password-Based Cryptography Standard, RSA Laboratories, Redwood City, CA; March 25, 1999; pp 1-30	
	6	PKCS #9, v2.0: Selected Object Classes and Attribute Types, RSA Laboratories, Redwood City, CA; February 25, 2000; pp. 1-34	
	7	PKCS #10, v1.7: Certificate Request Syntax Standard, RSA Laboratories, Redwood City, CA; May 26, 2000; pp. 1-10	
	8	PCKS #12, v1.0: Personal Information Exchange Syntax, RSA Laboratories, Redwood City, CA; June 24, 1999; pp. 1-23	
	9	PCKS #15: Conformance Profile Specification; RSA Laboratories, Redwood City, CA; August 1, 2000; pp 1-8	
	10	PEPE, Michel; Smart Cards Gaining Traction; CRN.com - Point of Sale: Trends, Markets and Technologies; December 31, 2002, (web site at http://crn.channelsupersearch.com/news/crn/39163.asp) captured on February 18, 2003; pp. 1-2	
✓	11	Guide to Internet Security; Public Key Cryptography (web site at http://www.e-certify.com/library/pkc_guide.htm) captured on February 18, 2003	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet **3** of **4**

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Application Number	09/923,213
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First Named Inventor	Wheeler et al.
Group Art Unit	2132
Examiner Name	
Attorney Docket Number	10399-34384

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
KS	12	Private Server Product Description; (web site at http://www.bnn.com.tr/assets/cserver_prodesc.html), date of capture 2/18/2003; pp 1-11	
	13	Cylink atm encryptor (web site at http://securitytools.hypermart.net/security_1/cylink_atm_encryptor.html), date of capture 2/18/2003, p1	
	14	BAL's PGP Pubic Key Server; The Computer Law Resource 1996; (web site at http://www.complaw.com/pgp/webkeyserver.html) date of capture 2/18/2003; pp 1-2	
	15	Baltimore; Solutions; A New Era in Secure and Trusted E-Business; (web site at http://www.baltimore.com/solutions/index.asp) date of capture 2/18/2003; p 1	
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	17	An Introduction to Cryptography; Network Associates, Inc. PGP, Version 6.5.1; June 1999; pp. 1-88	
	18	TURNBILL, Jim; "Cross-Certification and PKI Policy Networking"; Entrust, Inc; August 2000; pp 1-10	
	19	Some Suggestions for Automatic Encryption and Identity Verification in the IBM Internal Computing Network; December 28, 1985; pp 1-13	
	20	ARTHUR, Dwight; AADS Option for Buyer Authentication; Response to NACHA/IC ANT 2 RFI; September 14, 1998; pp 1-3	
	21	Internet Counsel; Consumer Internet Purchases Using ATM Cards Successfully Processed by NACHA Pilot Participants; February 23, 2003; pp 1-4	
✓	22	Internet Counsel; NACHA to Test ATM Card Payments for Consumer Internet PURchases; February 23, 2003; pp 1-3	

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			Application Number	09/923,213
			Filing Date	08/06/2001
			First Named Inventor	Wheeler et al.
			Group Art Unit	2132
			Examiner Name	
Sheet	4	of	4	Attorney Docket Number 10399-34384

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
KS	23	News Release: Digital Signatures Can Secure ATM Card Payments on the Internet, NACHA Pilot Concludes; July 23, 2001; pp 1-2	
↓	24	KUTLER, Jeffrey; Privacy Broker: Likely Internet Role for Banks? Digital Frontiers; October 8, 1998; pp 1-6	
↓	25	HETTINGA, BOB, Hettiga's Best of the Month, Journal of Internet Banking and Commerce; Array Development, March 31, 1999, web site at http://www.arraydev.com/commerce/JIBC/9801-20.htm , pp. 1-4.	
↓	26	DENNY, STEPHANIE, The Electric Commerce Challenge, Journal of Internet Banking and Commerce; Array Development, March 31, 1999, web site at http://www.arraydev.com/commerce/JIBC/9811-06.htm , pp 1-2.	

Examiner Signature	Kia Schubert	Date Considered	8/17/05
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 5

Complete if Known

Application Number	09/923,213
Filing Date	8/6/2001
First Named Inventor	Wheeler et al.
Group Art Unit	2132
Examiner Name	BARRON, Gilberto
Attorney Docket Number	10399-34384

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
KS	1.	BURTON S. KALISKI, JR., Some Examples of the PKCS Standards, An RSA Laboratories Technical Note, 11-1-93, RSA Laboratories, Redwood City, CA, pp. 1-15	
	2.	BURTON S. KALISKI, JR., A Layman's Guide to a Subset of ASN.1, BER, and DER, An RSA Laboratories Technical Note, 11-1-93, RSA Laboratories, Redwood City, CA, pp. 1-36	
	3.	PKCS Editor, PKCS #1 v2.1: RSA Cryptography Standard, RSA Laboratories, Draft 2, 1-5-2001, RSA Laboratories, Bedford, MA, pp. 1-60	
	4.	PKCS #3: Diffie-Hellman Key-Agreement Standard, An RSA Laboratories Technical Note, Version 1.4, 11-1-93, RSA Laboratories, Redwood City, CA, pp. 1-8	
	5.	PKCS #6: Extended-Certificate Syntax Standard, An RSA Laboratories Technical Note, 11-1-93, Version 1.5, RSA Laboratories, Redwood City, CA, pp. 1-11	
	6.	PKCS #8: Private-Key Information Syntax Standard, An RSA Laboratories Technical Note, 11-1-93, Version 1.2, RSA Laboratories, Redwood City, CA, pp. 1-5	
	7.	MICHAEL J. WIENER, Performance Comparison of Public-Key Cryptosystems, The Technical Newsletter of RSA Laboratories, a division of RSA Data Security, Inc., Summer 1998, Vol. 4, Number 1, RSA Laboratories, San Mateo, CA, pp. 1-23	
	8.	GEORGE APOSTOLOPOULOS, et al., Securing Electronic Commerce: Reducing the SSL Overhead, IEEE Network, July/Aug. 2000, Vol. 14, Issue 4, pp. 1-16	
	9.	UELI MAURER, Modelling a Public-Key Infrastructure, Sept. 1996, Proc. 1996 European Symposium on Research in Computer Security, Lecture Notes in Computer Science, Berlin: Springer-Verlag, Rome, Italy, Department of Computer Science, Swiss Federal Institute of Technology, Zürich, Switzerland, pp. 1-26	
	10.	Security Requirements for Cryptographic Modules, Federal Information Processing Standards Publication 140-1, 1-11-94, pp. 1-45, CSL Bulletin For FIPS 140-1 pp. 1-6, Validated FIPS 140-1 Cryptographic Modules 2001, 2000, 1998, 1997-95, pp. 1-14	
	11.	MARK HEROUX, A Private Key Storage Server for DCE -- Functional Specification, Open Software Foundation Request for Comments: 94.1, November 1996, (web site at http://www.opengroup.org/rfc/mirror-rfc/rfc94.1.txt), date of capture 6/13/01, pp. 1-73	

Examiner Signature	<i>Kevin Schubert</i>	Date Considered	8/17/05
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Sheet **2** of **5**

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Group Art Unit	2132
Examiner Name	BARRRON, Gilberto
Attorney Docket Number	10399-34384

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KS	12.	PETER COX, Bench-Marking SmartGate, Establishing the Scalability of V-ONE's SmartGate Security System, Internet SmartWare Ltd., 7-24-97, pp. 1-7	
	13.	Answers to Frequently Asked Questions about Today's Cryptography, RSA Data Security, Inc., 10-5-1993, Revision 2.0, pp. 1-44	
	14.	Announcing the Standard for Digital Signature Standard (DSS), Federal Information Processing Standards Publication 186, 5-19-94, pp. 1-18	
	15.	SHARON BOEYEN, Certificate Policies and Certification Practice Statements, Entrust Technologies White Paper, February 1997, Version 1.0, pp. 1-7	
	16.	Public-Key Infrastructure (PKI) - The VeriSign Difference, 2-3-2001, Copyright 1999, VeriSign, Inc., pp. 1-21	
	17.	THIERRY MOREAU, Thirteen Reasons to Say 'No' to Public Key Cryptography, Draft paper, 3-4-98, CONNOTECH Experts-Conseils, Inc., Montréal, Québec, Canada, pp. 1-5	
	18.	"X9 Overview," American Bankers Association web page (web site at http://www.x9.org/aboutX9.htm), 1998, date of capture 1/11/99, 3 pp.	
	19.	July 1997 Meeting Report, Electronic Payments Forum (web site at http://www.epf.net/PrevMtngs/July97Mtng/July97Report.htm), date of capture 1/11/99, 2 pp.	
	20.	Hettinga's Best of the Month, Journal of Internet Banking and Commerce, 1-5-98, (web site at http://www.arraydev.com/commerce/JIBC/9801-20.htm), date of capture 1/11/99, 6 pp.	
	21.	BURTON S. KALISKI JR., An Overview of the PKCS Standards, An RSA Laboratories Technical Note, 11-1-93, RSA Data Security, Inc. Public-Key Cryptography Standards (PKCS), pp. 1-27	
✓	22.	Public Key Cryptography, NIST Special Publication 800-2, April 1991, reprinted at http://csrc.nist.gov/publications/nistpubs/800-2/800-2.txt , pp. 1-138	

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Sheet 3 of 5

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KS	23.	Guideline for Implementing Cryptography in the Federal Government, NIST Special Publication 800-21, November 1999, pp. 1-138	
	24.	Guideline for the Use of Advanced Authentication Technology Alternatives, FIPS Publication 190, September 28, 1994, reprinted at http://csrc.nist.gov/publications/fips/fips190/fip190.txt , pp. 1-55	
	25.	Building A Foundation of Trust in the PC, The Trusted Computing Platform Alliance, January 2000 (web site at http://www.trustedpc.org), pp 1-9	
	26.	Trusted Platform Module (TPM) Security Policy (A Part of the "TCPA Security Policy"), Version 0.45, October 2, 2000, pp. 1-13	
	27.	Trusted Platform Module Protection Profile (TPMPP) (A Part of the "TCPA Security Policy" 0.45, September 14, 2000, pp. 1-151	
	28.	TCPA PC Specific Implementation Specification, Version 0.95, July 4, 2001, pp. 1-70	
	29.	Common Criteria for Information Technology Security Evaluation, Smart Card Security User Group, Smart Card Protection Profile, draft Version 2.1d, March 21, 2001, pp. 1-194	
	30.	X9.84-2000, Biometric Information Management and Security for the Financial Services Industry, draft version, December 2000, pp. 1-141	
	31.	Security Requirements for Cryptographic Modules, FIPS Publication 140-2, May 25, 2001, pp. 1-62	
	32.	Secure Hash Standard, FIPS Publication 180-1, April 17, 1995, pp. 1-24	
	33.	Digital Signature Standard (DSS), FIPS Publication 186-2, January 27, 2000, pp. 1-72	

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KS	34.	Entity Authentication Using Public Key Cryptography, FIPS Publication 196, February 18, 1997, pp. 1-52	
	35.	Computer Data Authentication, FIPS Publication 113, May 30, 1985, (web site at www.itl.nist.gov/fipspubs/fip113.htm), date of capture 1/16/01, pp. 1-7	
	36.	Hettinga's Best of the Month, Journal of Internet Banking and Commerce, March 31, 1999, (web site at http://www.arraydev.com/commerce/JIBC/9801-20.htm), pp. 1-4	
	37.	The Electronic Commerce Challenge, Journal of Internet Banking and Commerce, March 31, 1999, (web site at http://www.arraydev.com/commerce/JIBC/9811-06.htm), pp. 1-2	
	38.	Sales Brochure for APPROVEIT, electronic approval management software, by SilanisTechnology, Inc., July 18, 2000, pp. 1-12	
	39.	Public Key Infrastructure, An NSS Group White Paper, by Bob Walder, undated, reprinted from website http://www.nss.co.uk/WhitePapers/PublicKeyInfrastructure.htm on January 25, 2001, pp. 1-18	
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Examiner
Signature

Kevin Schubert

Date
Considered

8/17/05

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Sheet

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of

5

Complete if Known

Application Number

09/923,213

Filing Date

8/6/2001

First Named Inventor

Wheeler et al.

Group Art Unit

2132

Examiner Name

BARRON, Gilberto

Attorney Docket Number

10399-34384

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

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Electronic Information Disclosure Statement

Manufacturing Unique Devices That Generate Digital Signature

Application: 
09/923213

Confirmation: 8986

Applicant(s): Lynn Wheeler

Docket Number: 10399-34384

Group Art
Unit:

Examiner: Gilberto BARRON, Jr.

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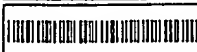

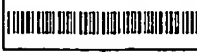

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US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
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	P02	4200770	1080-04-29		Hellman et al.		
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	P30	5636280	1997-06-03		Kelly
	P31	5659616	1997-08-19		Sudia
	P32	5671279	1997-09-03		Elgamal
✓	P33	5788953	1997-10-14		Dophin

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✓	P50	5956404	1999-09-21		Schneier et al.

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ks	U01	20010000535	4260-01-25		Lapsley et al.		

Remarks

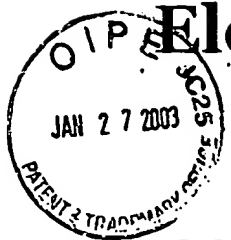
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Examiner Name	Date
<i>Kevin Schubert</i>	8/17/05



Electronic Information Disclosure Statement

Manufacturing Unique Devices That Generate Digital Signatures

Application: 
09/923213

Confirmation: 8986

Applicant(s): Lynn Wheeler

Docket Number: 10399-34384

Group Art Unit:

Examiner: Gilberto Barron, Jr.

search string: (5970147 or 6023509 or 6044154 or 6047051 or 6084969 or 6092202 or 6105012 or 6108644 or 6111956 or 6134325 or 6161180 or 6161181 or 6167518 or 6202151 or 6230269 or 6192130 or 6199052 or 6243812 or 6263447 or 4734564 or 4885788 or 5453601 or 5534855 or 6154543 or 5903882 or 5943423 or 6189096 or 6233565 or 6285991 or 6240091 or 5928298 or 5778072 or 5878172 or 6009177 or 6021202 or 6243812 or 5671285 or 5455865 or 5577120 or 5677955 or 5963648 or 6205437 or 5209208 or 5745886 or 6299062 or 6144949 or 5677953 or 5677120).pn.






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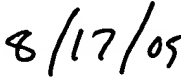
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init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
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	P02	6023509	2000-02-08		Herbert		
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	Application Number	To Be Determined		
	Filing Date	Concurrently Herewith		
	First Named Inventor	WHEELER et al.		
	Group Art Unit			
	Examiner Name			
Sheet	1	of	1	Attorney Docket Number 10399-34384

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
KS	1	Federal Information Processing Standards, Publication 140-1, Security Requirements for Cryptographic Modules; US DOC/NBS, January 11, 1994.	
	2	Federal Information Processing Standards, Publication 140-2, Security Requirements for Cryptographic Modules; US DOC/NBS, May 25, 2001.	
	3	Common Criteria for Information Technology Security Evaluation, Smart Card Protection Profile, Draft Version 2.1d, SMART CARD SECURITY USER GROUP, March 21, 2001.	
	4	Trusted Computing Platform Alliance Trusted Platform Module Protection Profile Version 0.45, TRUSTED COMPUTING PLATFORM ALLIANCE, September 2000.	
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✗	6	Trusted Platform Module (TPM) Security Policy Version 0.45, TRUSTED COMPUTING PLATFORM ALLIANCE, October 2000.	

JCS7 U.S. PTO

09/923213



Examiner Signature	<i>Kevin Schubert</i>	Date Considered	8/17/05
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